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(54) **POWER CONVERTER**

(57) Abstract:

PROBLEM TO BE SOLVED: To prevent electrolytic corrosion of a bearing due to leakage current.

SOLUTION: An inverter 2 is connected by a ground conductor 21, connected to the ground, and an induction motor 4, is connected by a ground conductor 41 which is connected to the ground. The ground conductor 41 of the induction motor 4 is connected to the ground conductor 21 of the inverter 2 via an AC reactor or an in-phase core, so as to reduce leakage current in a bearing supporting the rotary shaft of the induction motor 4 and thereby to reduce the electrolytic corrosion of the bearing.

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